LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
Data File : VX035313.D
Acq On : 26 Apr 2023 15:11
Operator : JC/MD
Sample : 02447-05ME
Misc : 3.10g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EW910ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Title : VOC Analysis

Signal : TIC: VX035313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.257	26	28	36	rVB3	1986	2951	0.18%	0.023%
2	1.367	43	46	51	rBV	76897	106712	6.55%	0.822%
3	1.642	87	91	93	rBV	17260	20908	1.28%	0.161%
4	1.672	93	96	100	rVV	33712	44633	2.74%	0.344%
5	2.288	191	197	209	rBV	306438	495699	30.43%	3.821%
6	2.660	254	258	259	rBV2	334	357	0.02%	0.003%
7	2.714	259	267	273	rVV2	6336	12270	0.75%	0.095%
8	2.782	273	278	292	rVB2	4713	10715	0.66%	0.083%
9	3.086	326	328	331	rBV2	226	236	0.01%	0.002%
10	3.428	379	384	390	rVB4	1279	2458	0.15%	0.019%
11	3.617	413	415	419	rVB	180	258	0.02%	0.002%
12	3.653	419	421	423	rBV2	226	189	0.01%	0.001%
13	3.684	423	426	427	rBV2	172	188	0.01%	0.001%
14	3.745	434	436	439	rVB2	217	203	0.01%	0.002%
15	3.983	473	475	477	rVV	194	181	0.01%	0.001%
16	4.482	547	557	593	rBV	87220	330881	20.31%	2.550%
17	5.056	638	651	670	rBV2	197989	624833	38.36%	4.816%
18	5.312	683	693	697	rBV3	1286	3774	0.23%	0.029%
19	5.464	717	718	722	rVB	188	188	0.01%	0.001%
20	5.555	722	733	741	rBV4	2132	5438	0.33%	0.042%
21	5.763	763	767	769	rBV3	240	259	0.02%	0.002%
22	5.964	786	800	820	rBV2	568452	1629030	100.00%	12.555%
23	6.244	843	846	849	rBV2	195	283	0.02%	0.002%
24	6.293	851	854	855	rBV	305	277	0.02%	0.002%
25	6.366	860	866	867	rBV4	2565	4692	0.29%	0.036%
26	6.464	877	882	885	rVB3	286	548	0.03%	0.004%
27	6.525	889	892	893	rBV2	376	289	0.02%	0.002%
28	6.756	921	930	952	rBV	460829	1104359	67.79%	8.512%
29	7.000	968	970	971	rBV2	609	452	0.03%	0.003%
30	7.110	981	988	996	rBV7	5399	15188	0.93%	0.117%
31	7.208	999	1004	1011	rVV3	3951	9495	0.58%	0.073%
32	7.305	1011	1020	1040	rVB	344686	747538	45.89%	5.762%
33	7.482	1045	1049	1054	rVB4	971	1438	0.09%	0.011%
34	7.598	1066	1068	1069	rBV	320	246	0.02%	0.002%
35	7.653	1076	1077	1081	rVB	303	200	0.01%	0.002%
36	7.957	1118	1127	1134	rBV5	3573	10457	0.64%	0.081%

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Instrument :
MSVOA_X
ClientSampleId :
EW910ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Title : VOC Analysis

37	8.134	1153	1156	1157	rBV2	250	227	0.01%	0.002%
38	8.323	1180	1187	1202	rBV	184612	316271	19.41%	2.438%
39	8.482	1211	1213	1214	rBV2	788	647	0.04%	0.005%
40	8.646	1234	1240	1255	rBV	863080	1347430	82.71%	10.385%
41	8.823	1266	1269	1275	rVB4	2703	4140	0.25%	0.032%
42	8.951	1284	1290	1301	rBV	134634	201990	12.40%	1.557%
43	9.110	1313	1316	1322	rVB4	1219	1766	0.11%	0.014%
44	9.274	1341	1343	1349	rVB4	886	1100	0.07%	0.008%
45	9.390	1356	1362	1363	rBV	175044	218152	13.39%	1.681%
46	9.896	1444	1445	1449	rBV2	392	367	0.02%	0.003%
47	10.055	1465	1471	1490	rBV	868444	1238471	76.03%	9.545%
48	10.238	1500	1501	1504	rVB	298	222	0.01%	0.002%
49	10.305	1508	1512	1515	rVV3	1581	1907	0.12%	0.015%
50	10.451	1533	1536	1539	rVB2	217	250	0.02%	0.002%
51	10.774	1585	1589	1594	rVB3	716	1064	0.07%	0.008%
52	10.859	1600	1603	1606	rBV3	641	615	0.04%	0.005%
53	10.896	1606	1609	1612	rVB3	448	557	0.03%	0.004%
54	10.945	1613	1617	1625	rVB6	3865	5977	0.37%	0.046%
55	11.030	1628	1631	1634	rBV3	950	1609	0.10%	0.012%
56	11.085	1634	1640	1642	rBV5	2112	3540	0.22%	0.027%
57	11.201	1651	1659	1673	rBV	500221	746466	45.82%	5.753%
58	11.384	1685	1689	1691	rBV3	555	722	0.04%	0.006%
59	11.451	1698	1700	1701	rBV2	960	775	0.05%	0.006%
60	11.475	1701	1704	1711	rVB3	6203	8131	0.50%	0.063%
61	11.548	1714	1716	1718	rBV3	264	313	0.02%	0.002%
62	11.634	1726	1730	1734	rBV3	1478	2332	0.14%	0.018%
63	11.682	1734	1738	1740	rVV3	1619	1908	0.12%	0.015%
64	11.713	1740	1743	1747	rVV3	2648	3211	0.20%	0.025%
65	11.768	1747	1752	1760	rVB2	9969	17970	1.10%	0.139%
66	11.859	1760	1767	1770	rBV6	877	2079	0.13%	0.016%
67	11.938	1778	1780	1782	rBV3	535	537	0.03%	0.004%
68	11.969	1783	1785	1789	rVB4	1418	1256	0.08%	0.010%
69	12.024	1789	1794	1803	rBV	1004463	1232778	75.68%	9.501%
70	12.243	1824	1830	1837	rBV3	5133	8017	0.49%	0.062%
71	12.323	1837	1843	1851	rBV	975574	1223303	75.09%	9.428%
72	12.426	1856	1860	1864	rVB4	3467	4985	0.31%	0.038%
73	12.688	1900	1903	1904	rBV3	571	758	0.05%	0.006%
74	12.761	1912	1915	1920	rBV3	1816	2249	0.14%	0.017%
75	12.822	1923	1925	1927	rBV3	669	696	0.04%	0.005%
76	12.963	1944	1948	1958	rVB7	3743	7295	0.45%	0.056%

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EW910ME

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Title : VOC Analysis

77	13.042	1958	1961	1963	rBV3	883	1018	0.06%	0.008%
78	13.091	1967	1969	1975	rVB4	924	1300	0.08%	0.010%
79	13.267	1995	1998	1999	rBV2	2440	2445	0.15%	0.019%
80	13.347	2009	2011	2013	rBV3	727	676	0.04%	0.005%
81	13.383	2013	2017	2020	rVV4	1750	2089	0.13%	0.016%
82	13.584	2047	2050	2055	rVB6	1231	1409	0.09%	0.011%
83	13.700	2061	2069	2071	rBV7	2109	4813	0.30%	0.037%
84	13.773	2076	2081	2090	rVV	425544	541635	33.25%	4.175%
85	13.871	2094	2097	2105	rVB	8574	11458	0.70%	0.088%
86	14.036	2122	2124	2128	rVB3	2432	2259	0.14%	0.017%
87	14.212	2152	2153	2157	rVB4	2266	2392	0.15%	0.018%
88	14.639	2218	2223	2234	rVB	121554	157298	9.66%	1.212%
89	14.779	2242	2246	2254	rVB	86530	104997	6.45%	0.809%
90	15.206	2312	2316	2321	rVB	19645	27987	1.72%	0.216%
91	15.377	2340	2344	2348	rBV	9199	12974	0.80%	0.100%
92	15.480	2355	2361	2371	rVB	22942	40973	2.52%	0.316%
93	15.572	2372	2376	2378	rBV5	4253	7312	0.45%	0.056%
94	15.615	2379	2383	2386	rBV	27657	37968	2.33%	0.293%
95	15.840	2411	2420	2428	rBV4	10280	28025	1.72%	0.216%
96	15.993	2441	2445	2454	rVB5	6474	13306	0.82%	0.103%
97	16.090	2457	2461	2468	rVB7	7204	14706	0.90%	0.113%
98	16.328	2493	2500	2509	rBV	51288	101694	6.24%	0.784%
99	16.529	2530	2533	2539	rBV5	3215	6481	0.40%	0.050%
100	16.688	2551	2559	2567	rVB2	20870	49536	3.04%	0.382%

Sum of corrected areas: 12974657

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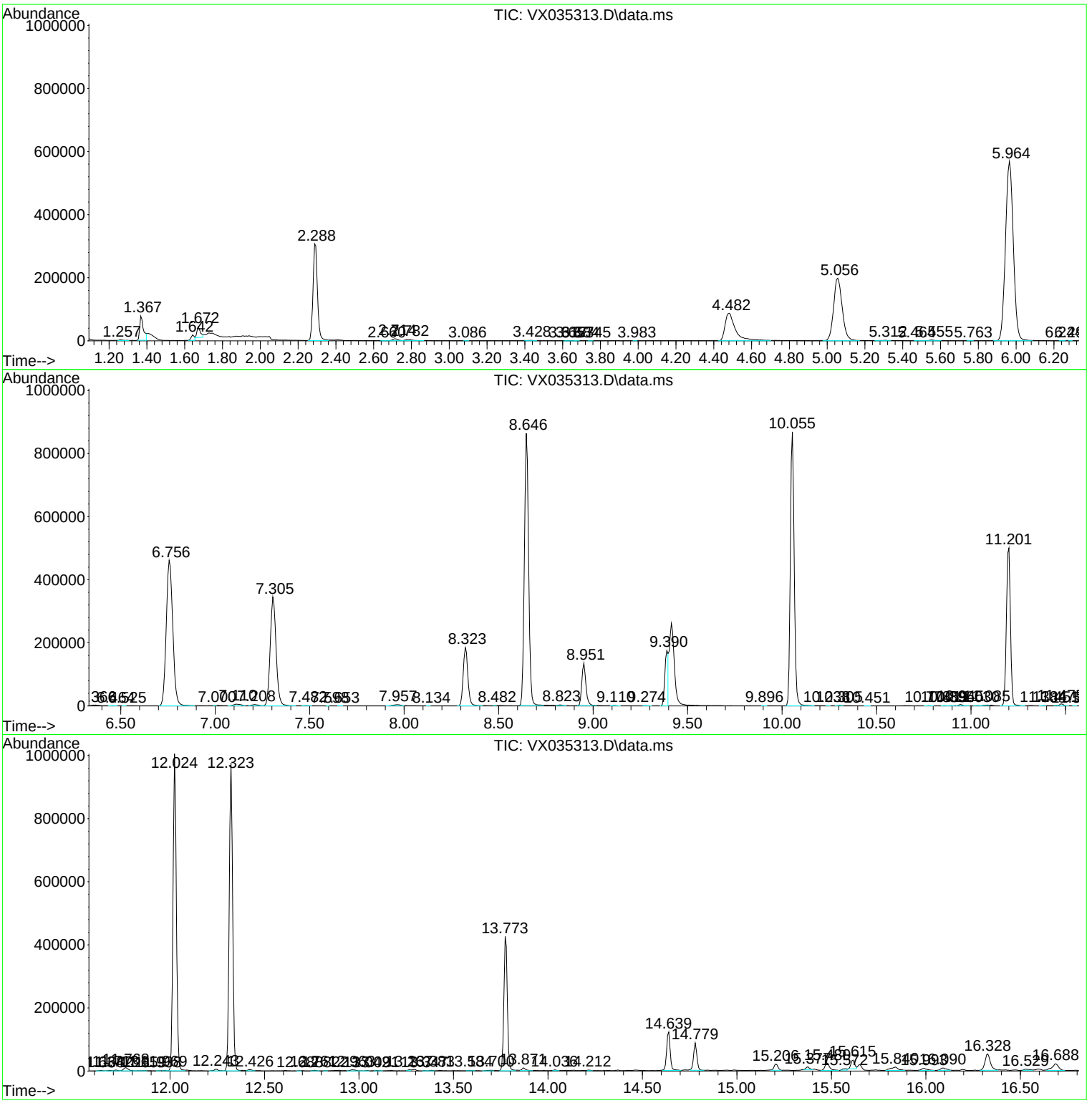
Instrument :
MSVOA_X
ClientSampleId :
EW910ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_X
ClientSampleId :
EW910ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis

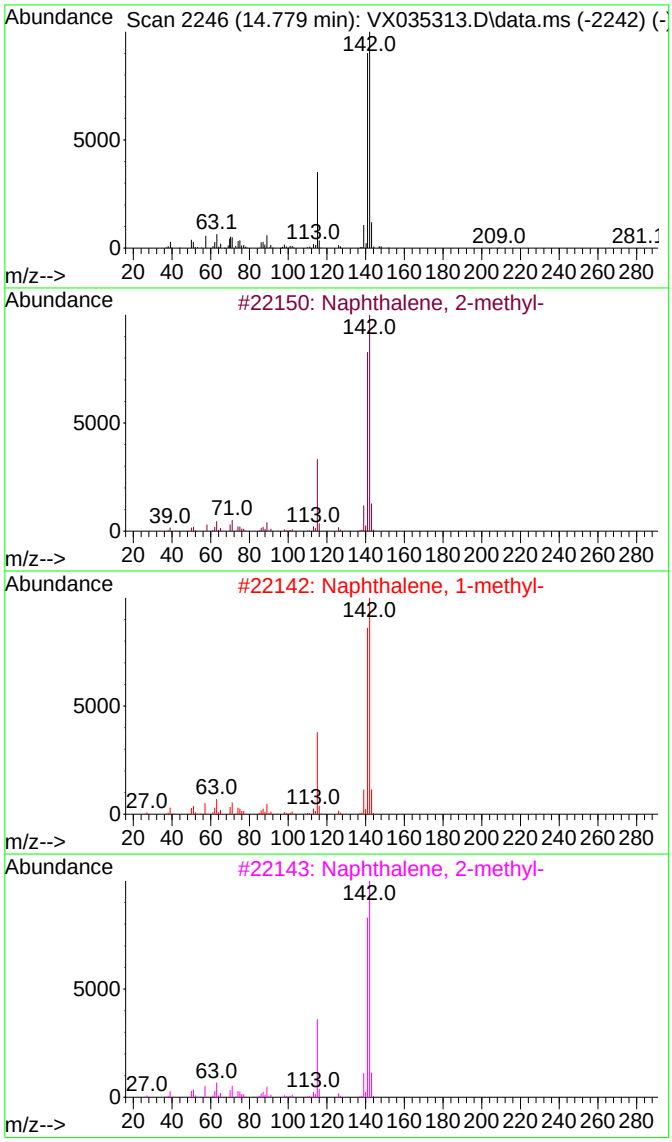
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

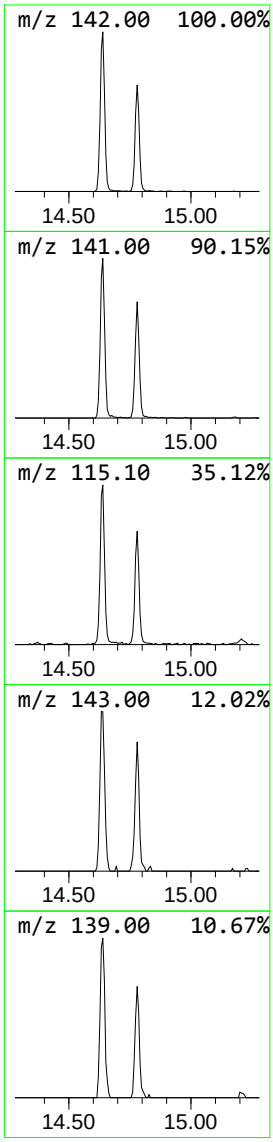
****

Peak Number 4 Benzocycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.779	4.26 ug/L	104997	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW910ME

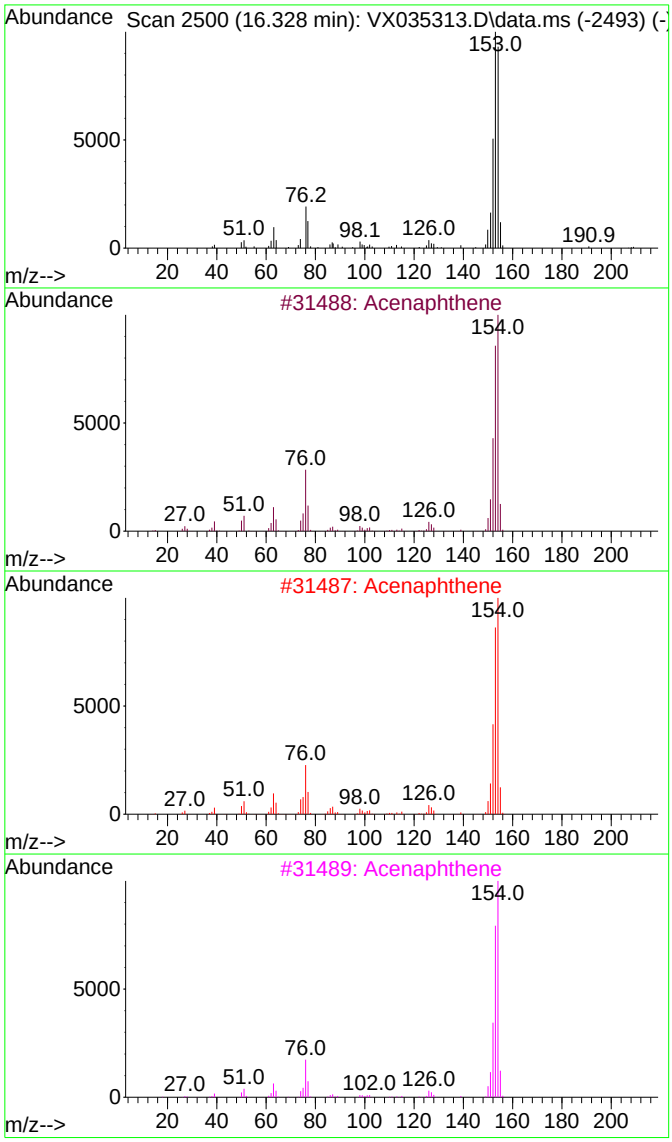
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis

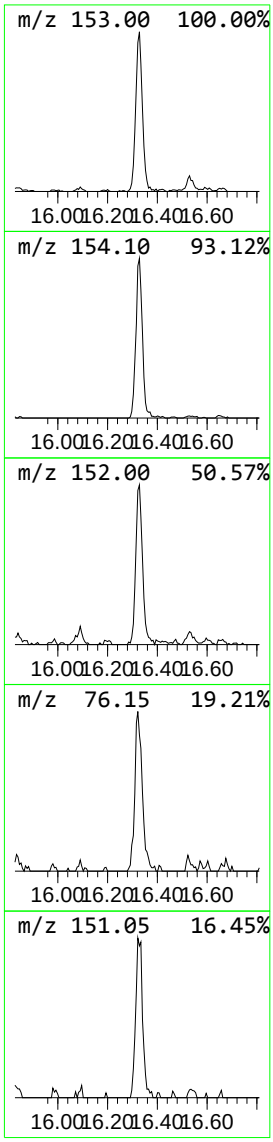
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	4.12 ug/L	101694	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	91
2	Acenaphthene	154	C12H10	000083-32-9	91
3	Acenaphthene	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	76
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	62





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzocyclohepta...	14.779	4.3	ug/L	104997	3	12.024	1232780	50.0
Naphthalene, 2-...	16.328	4.1	ug/L	101694	3	12.024	1232780	50.0